

Jacqueline Zhou | Junior Software Engineer

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SUMMARY

I am a dynamic self-starter with experience in full-stack development seeking to continue to nurture my technical skills by contributing to engaging projects. Having worked in client and account management at a fast-paced global digital marketing agency, I am adaptable, quick to learn, and view challenges as new opportunities to grow.

* No visa sponsorship required within the Netherlands as I am on dependent visa *

SKILLS

- **Languages:** Python, JavaScript, HTML, CSS, Sass/SCSS
- **Frameworks/Libraries:** React, Django, Node.js, Express.js, axios, Mongoose, Material UI, Bootstrap
- **Databases:** PostgreSQL, MongoDB
- **Tools:** VSCode, Insomnia, TablePlus, npm, yarn, pip, pipenv
- **Other:** Git, GitHub, REST API, unit testing, Docker

EDUCATION

Codecademy Data Structures and Algorithms with Python 06/2022 - 08/2022

General Assembly Software Engineering Immersive — London, UK (remote) 03/2022 - 06/2022

- 500+ hours of applied learning and development across both front-end and back-end development with daily workshops, assignments, and projects
- Exercising skills in JavaScript, HTML, CSS, the MERN stack, Python, Django, and PostgreSQL
- Demonstrated team working capabilities through daily stand-ups, pair programming exercises, group projects, as well as assisting classmates in need of help with de-bugging

Harvard CS50x — Online Course 09/2020 - 12/2020

State University of New York at Geneseo — Bachelor of Science in Biology 08/2015 - 05/2019

- Relevant coursework: Intro to Programming with Python, Biological Data Analysis with R, Calculus I & II

PROJECTS

BetterCred (Python, Django, React, JavaScript, PostgreSQL, Material UI, HTML, Sass) [GitHub](#) | [Live](#)

Credit card directory that allow users to find and save credit cards that suit their lifestyle needs to a wallet

- Solo full-stack project creating a RESTful API that consumes a PostgreSQL database, with React for the front-end
- Planned relational database relationships and schemas with ERD and built models using Django REST framework
- Used React, Sass, and Material UI to develop and style a responsive front-end with a dark mode feature

Plantpedia (MongoDB, Express.js, React, Node.js, JavaScript, Material UI, HTML, Sass, Mongoose) [GitHub](#) | [Live](#)

App designed specifically for plants, allowing users to find and add information about their favorite house plants

- Group project using Express.js to develop a CRUD API with a MongoDB database and git for version control
- Capability for users to login/register using BCryptJS for password encryption and JWT for authentication
- Features implemented include add/edit forms, pagination and sorting of comments, and dark mode

Recipe Finder (React, JavaScript, HTML, Sass, Bootstrap) [GitHub](#) | [Live](#)

A web app that allows users to find new, exciting recipes by category and save them to their browser

- Project that consumes a public API using axios, displaying recipes based on category or cuisine type
- Users can search for recipes by name, or generate random recipes with the click of a button
- Implemented a favoriting feature that allows users to persist a unique set of recipes to local storage

Lo-Fi Tetris (JavaScript, HTML, CSS) [GitHub](#) | [Live](#)

Tetris clone with a lo-fi-themed twist

- Solo project built using vanilla JavaScript to create and manipulate DOM elements, allowing users to shift tetronimo pieces left/right, rotate pieces, and clear rows when filled all by altering element classes
- The score and speed increments up as more lines are cleared, with the highest score saved to local storage

EXPERIENCE

Paid Search Account Manager, Search Laboratory — Brooklyn, NY

04/2021 - 03/2022

- Planned, launched, and managed campaigns across 5 global accounts with monthly budgets from \$11k-\$200k
- Prepared and presented weekly, monthly, and quarterly meetings to key client stakeholders across a variety of B2B and B2C industries (Fin-tech, eCommerce, SaaS, PaaS) using Google Data Studio and Google Analytics tools
- Researched and strategized within cross-channel teams to identify market growth opportunities for clients

Paid Search Executive, Search Laboratory — Brooklyn, NY

10/2019 - 04/2021

- Independently worked to deliver a range of tasks including implementing Google Ads scripts, writing and A/B testing of ad copy, keyword research, performance forecasting, market research, and dashboard creation
- Audited internal and prospective accounts to identify key areas for growth, pitching findings directly to clients

Freelance Staff Writer, Beauty News NYC — Remote

06/2020 - Present

- Independent creation and publishing of 25+ high-quality beauty/lifestyle-related editorial pieces using WordPress
- Establishing and maintaining relationships with various PR agencies and media contacts

Research Assistant, State University of New York at Geneseo — Geneseo, NY

08/2018 - 05/2019

- Researched, planned, and executed an ecological study on spider-ant dueling behavior, analyzing data with R
- 3rd place Presentation Winner at the 2019 Northeastern Natural History Conference, attended by 500+ scientists, and was awarded the 2019 Geneseo Foundation's Undergraduate Research Grant for this research project

INTERESTS

- I enjoy watercolor painting and sketching with graphite and charcoal. At the moment, my favorite subjects to draw are birds, as they are both beautiful and eye-catching!
- I am also a big fan of cooking and baking recipes, inspired either from the places I've traveled or the places I'd love to visit some day. I love the heritage and cultural history that we can experience through trying new foods`